

Boromazov, A. S.

7748 Fabrika ovoshchey. (opyt raboty leningr. teplichno-
parnikovogo kombinata). L. Lenizdat, 1955. 88s. s ill
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(55-410) p. 635:631.544st(47.41)

SO. Knizhnaya Letopis', Vol. 7, 1955

GOGOLEVA, T.Ya.; BOROMENSKIY, S.S.; Primalni uchastiye: YEFIMENKO, L.Ya.;
DEMENT' Yu.V.; FEL'DMAN, R.L.

Thionaphthene distribution during the processing of the
naphthalene fraction according to the drum-press flow sheet.
Koks i khim. no.3:46-48 '64. (MIRA 17:4)

1. Ukrainskiy uglekhimicheskiy institut.

NEDOLUZHENKO, I.A., doktor ekonomicheskikh nauk; ANDREYEV, A., kandidat ekonomicheskikh nauk; BELOV, S.F., kandidat tekhnicheskikh nauk; BOROMINSKIY, B.A., assistant; LITVIN, I.B., assistant.

"Economics of the coal industry in the U.S.S.R." A.A. Zvorykin, D.M. Kirzhner, M.B. Kundin, Reviewed by I.A. Nedoluzhenko and others. Ugol' 31 no.2:46-48 F '56. (MLRA 9:5)

1. Kafedra ekonomiki gornoy promyshlennosti Leningradskogo gornogo instituta.
(Mining industry and finance)(Zvorykin, A.A.)(Kirzhner, D.M.)
(Kundin, M.B.)

BOROMINSKIY, B.A., starshiy prepodavatel'

Wear and amortization of fixed assets in the coal industry.
Izv.vys.ucheb.zav.; gor.zhur. no.11:59-65 '58. (MIRA 12:8)

1. Leningradskiy gornyy institut.
(Mining industry and finance--Accounting)
(Coal mining machinery)

BOROMINSKIY, B.A.

Utilizing the productivity capacity of Karaganda Basin coal mines.
Zap. IGI 34 no.3:51-64 '58. (MIRA 12:4)
(Karaganda Basin--Coal mines and mining--Labor productivity)

BOROMINSKIY, B.A., st.prepod.

Use of fixed assets in Karaganda Basin mines. Izv.vys.ucheb.
zav.; gor.shur. no.2:54-61 '59. (MIRA 13:4)

1. Leningradskiy ordena Lenina i ordena Trudovogo Krasnogo
Znameni gornyy institut imeni G.V.Plekhanova. Rekomendovana
kafedroy ekonomiki i organizatsii proizvodstva.
(Karaganda Basin--Mining industry and finance)

BOROMIR, I.

Machine for retting and cleaning hemp in Levski. p. 16. (NARODNA KOOOPERATSIJA, NO.10
Oct. 1952, Sofyia.

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSORIES, Vol. 2, #8, Library of Congress, August
1954, Uncl.

KAFFKA, Karoly; GYORGY, Zoltan; VAMOS, Tibor, dr.; RITTER, Endre; MARKUS, Ferenc; BOROMISZSA, Gyula, dr.; BUJTAS, Laszlo, dr.; BUJTAS, Laszlo, dr.; EDELENYI, Laszlo; BAN, Tamas, dr.; TECZE, Miklos, dr.; ALPAR, Imre; KERECSENYI, Gyorgy; GANGER, Gyorgy; VARGA, Istvan.

Present state and perspectives of the automation in the food industry. Elelm ipar 18 no.2:33-36 F'64

1. Committee on Measuring and Control Technique, Scientific Association of the Agricultural and Food Industry, Budapest (for Kaffka).
2. Directorate of Instrument Industry, Ministry of Metallurgy and Machine Industry, Budapest (for Gyorgy).
3. National Committee on Technical Development, Budapest (for Vamos).
4. Central Committee of Automation, Budapest (for Ritter).
5. Secretariat of Automation, Ministry of Metallurgy and Machine Industry, Budapest (for Markus).
6. Ministry of Food, Budapest (for Bojtas).
7. Technical Department, Ministry of Food, Budapest (for Alpar).

EBROMISS, G. (Vengriya)

Accurate, fast, reliable. Nauka i zhizn' 27 no.10:10 O '60.

(MIRA 13:10)

1. Predsedatel' Komiteta po tekhnicheskim sredstvam, Mezhdunarodnaya
federatsiya po avtomaticheskomu upravleniyu.
(Automatic control)

BOROMISSZA, Gyula, Kossuth-díjas mernok

Economic aspects of automation as it is seen by the United Nations.
Meres automat 8 no.5:156-157 '60.

1. Muszeripari Kutato Intezet.

ALMASSY, Gyorgy, dr.; BOROMISZA, Gyula; FERENCZY, Jeno; HAAS, Andras; JUHASZ, Endre; KEMENY, Tamas; KOVACS, Ivan; LESETTAR, Jozsef; LUKACS, Gyula, dr.; PETIK, Ferenc; SZLAVIK, Ferenc; SZOMBATHY, Emil, dr.; TARNAY, Kalman, dr.

Lectures delivered at the 3d International Measurement Conference.
Meres automat 12 no.9:270-292 '64.

1. Editorial board member, "Meres es Automatika" (for Almasy, Boromisza, Juhasz, Kemeny, Lukacs and Tarnay).

BOROMISSZA, GYULA

HUNGARY/Processes and Equipment for Chemical Industries - K-2
Control and Measuring Devices. Automatic Regulation.

Abs Jour : Referat Zhur - Khimiya, No 9, 1957, 33316

Author : Boromissza Gyula

Inst :

Title : Remote Control Measurements.

Orig Pub : Meres es automat., 1956, 4, No 2-3, 82-89

Abstract : The simplest methods of remote control measurement and
the prospects of their development are considered.

Card 1/1

BOROMISSZA, Odon

The book "Economy in power supply" by Istvan Papp and Gusztav Reczey.
Reviewed by Odon Boromissza. Kozleked tud ss ll no.11:507-510 N '61.

BOROMISSZA, Odon, okleveles gepeszmernok, foenergetikus

Guiding principles for power economy in the field of
transportation. Ipari energia 3 no.7:145-151 JI '62.

1. Kozlekedes- es Postaugyi Miniszterium.

BOROMISSZA, Odon, okl.gepeszmernok

Current questions relating to the power economy of Hungary's transportation. Kozl tud sz 12 no.4:137-148 Ap '62.

1. Kozlekedes- es Postaugyi Miniszterium foenergetikusa.

BOROMISSZA, Odon, okleveles gepeszmernok

Design of the technical development of transportation in the German Democratic Republic. Kozl tud sz 12 no.8:365-372 Ag '62.

1. Kozlekedes- es Postaugyi Miniszterium csoportvezeto fomernoke.

BOROMISSZA, T.; GASPAR, L.

Prevention of highway damages due to thawing. p. 80.
(Melyepitestudományi Szemle, Vol. 7, no. 1/3, Jan./Mar. 1957. Budapest,
Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 9, Sept. 1957. Uncl.

HUNGARY / Chemical Technology. Processing of Natural H-23
Gases and Petroleum. Motor and Rocket Fuel.
Lubricants.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79096.

Author : Boromisza^s, T., Gaspar, L.

Inst : ~~Not given.~~

Title : Concerning the Article of Miklos Simon "Diluted
and Melted Bitumens".

Orig Pub: Melyepitestud. szemle, 1956, 6, No 3, 133-135.

Abstract: R. Zh. Khim., 1958, 48079.

Card 1/1

BOROMISZA, T.; GASPAR, L.

BOROMISZA, T.; GASPAR, L. Remarks on Huba Hejj's article "Application of Test Loading in Road-Construction Practice." p. 232.

Vol. 6, No. 5, May 1956.
MELYEPITESTUDOMANI SZEMLE
TECHNOLOGY
Budapest, Hungary

So: East European Accession, Vol. 6, No. 2, Feb. 1957

BOROMISZA, T.; GASPAR, L.

A fast method for determining the bearing capacity of road structures. Pt. 1.
P. 204.

REVISTA TRANSPORTURILOR. (Asociatia Stiintifica a Inginerilor si Technicienilor
din Romania si Ministerul Transporturilor Rutiere, Navale si Aeriene) Bucuresti,
Romania. Vol. 6, no. 5, May 1959.

Monthly List of East European Accessions (EEAI) LC. Vol. 8, no.9, Sept. 1959.

Uncl.

BOROMISZA, T.; GASPAR, L.

A fast method for determining the bearing capacity of road structures. Pt. 2.
P 252.

REVISTA TRANSPORTURILOR. (Asociatia Stinitifica a Inginerilor si Technicienilor
din Rominia si Ministerul Transporturilor Rutiere, Navale si Aeriene) Bucuresti,
Romania. Vol. 6, no. 6, June 1959.

Monthly List of East European Accessions (EEAI) LC. Vol. 8, no. 9, Sept. 1959.

Uncl.

Boromissza, T.; Gaspar, L.

The use of tuff without binding material in the construction industry. p. 317

EPITOANYAG. (Epitoanyapipari Tudományos Egyesület)
Budapest, Hungary. Vol. 11, no.9, September 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no.11
November 1959
Uncl.

BOROMISZA, T.

Deflection of road pavement. p. 564

MELYEPITESTUDOMANYI SZEMLE. (Kozlekedes-es Kozlekedespitestudomanyi Egyesulet)
Budapest, Hungary. Vol. 9, no. 12, Dec. 1959

Monthly List of East European Accessions. (EMAI) LC, Vol. 9, no. 2,
Feb. 1960 Uncl.

BOROMISSZA, Tibor, okl.mernok, tudományos munkatárs; GASPAR, László, okl.
- mernok, tudományos munkatárs

Standardization of the testing of the load capacity of roadways.
Közlekedés tud sz 11 no.12:549-556 D '61

1. Utügyi Kutató Intézet.

BOROMISZA, Tibor, okleveles mernok, tudományos munkatárs; GASPAR, László,
dr., okleveles mernok, a muszaki tudományok kandidátusa, tudományos
főmunkatárs

Dimensioning of flexible roadway constructions by means of a new
Hungarian process on the basis of elastic deformation and equivalent
numbers. Melyepítéstud szemle 13 no.10:444-453 0 '63.

1. Utügyi Kutató Intézet.

MATUS, Erion, okleveles mernok, okleveles kozgazdasagi mernok, fomernek,
BOROMISZA, Tibor, okleveles mernok; JUST, Kornel, okleveles
mernek; VARGA, Jozsef, okleveles mernok.

Construction of cement concrete pavements. Melyepitestud
szemle 14 no.12:548-550 D '64.

1. Concrete Road Building Enterprise, Budapest (for Matus
and Just). 2. Road Research Institute, Budapest (for Boromisza).

BOROMISZA, Tibor, okleveles mernok, tudományos munkatárs

Remark about Dr. Jeno Jaray's study entitled "Dilatation of concrete pavements." Melyepitestud szemle 15 no.3:138-141 Mr '65.

1. Road Research Institute, Budapest.

БОРОМOTOV, V.YE

KEDROVA-ZIKHMAN, L.V.; BOROMOTOV, V.Ye.

Respiration intensity of corn ovaries under different conditions of
crossbreeding. Bul. Inst. biol. AN BSSR no.2:222-225 '57.
(Corn breeding) (Plants--Respiration) (Ovaries) (MIRA 13:2)

EXCERPTA MEDICA Sec 7 Vol 17/6 Pediatrics June 60

1825. SEQUELAE AFTER SUPPURATIVE CEREBROSPINAL MENINGITIS - Nag-
tepałwa ropnego zapalenia opon mózgowo-rdzeniowych - Boron A. and
Kajetanowicz J. I i II Klin. Ped., A.M., Wrocław - PEDIAT. POL.
1959, 34/3A (510-512)

In the period 1947-1956, a total of 322 children were treated. 118 died in the course
of treatment. In 1957, 111 of these children were subjected to follow-up examin-
ations: 3 had died, 69 were in good condition, and the remaining children had
sequelae such as paralyses, hydrocephalus, auditory disturbances, psychical ab-
normalities, etc.
Kukowka - Greiz (L, 7, 8)

BORON, A.; BORON, Z.; CHRZANOWSKA, M.; CZYZEWSKI, Kazimierz; KLINOWSKA, Wanda

An as yet unknown mechanism of functional portal hypertension.
Pol. tyg. lek. 20 no.24:890-891 14 Je '65.

1. Z II Kliniki Pediatricznej AM we Wroclawiu (p.o. kierownik:
doc. dr. Wanda Klinowska) i z I Kliniki Chirurgicznej AM we
Wroclawiu (kierownik: prof. dr. Kazimierz Czyzewski).

BORON, F.; BIELANIEC M.; SAWICKI, A.

2 Cases of plasmocytic reticuloma treated with ACTH & urethane. Polski tygod. lek. 13 no.29:1125-1127 21 July 58.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Białymstoku: kierownik: prof., dr Marian Tulczyński.

(MYELOMA, PLASMA CELL, ther.

ACTH & urethane (Pol))

(ACTH, ther. use

plasma cell myeloma, with urethane (Pol))

(URETHANE, ther. use

plasma cell myeloma, with ACTH (Pol))

Boron P.

Excerpta Medica 8/5 Sec 3 May 54 Endocrinology

837. BORON P. II. Klin. Chor. wewn., Akad. med., Wrocław. * Układ krzepnięcia krwi w nadczynności tarczycy leczonej metyltiouracylem. The blood coagulation system in hyperthyroidism treated with methylthiouracil POLSK. ARCH. MED. WEWNET. 1953, 23/3 (301-310) Tables 4 43 patients were examined. Blood prothrombin is low in about 50% of patients with hyperthyroidism. It remains unaltered after methylthiouracil treatment and corresponds to the total plasma protein level. The blood platelet count, coagulation time and bleeding time show no significant deviations from normal. Data are insufficient for evaluation of the blood calcium behaviour.

Gibiński - Bytom (VI, 3)

~~CARBON, P.~~
BORON, P.

Acute and chronic poisoning with carbon disulfide and with hydrosulfuric acid in artificial fibre industry, and preventive possibilities. Med. pracy 5 no.5:361-370 1954.

1. Z kliniki chorob wewnetrznych we Wroclawiu, kier. prof. dr.
A.Falkiewicz

(OCCUPATIONAL DISEASES

pois. with carbon disulfide & hydrosulfuric acid in artif.
fibre plant, prev.)

(POISONING

occup. with carbon disulfide & hydrosulfuric acid in artif.
fibre plant, prev.)

(CARBON DISULFIDE, poisoning

occup. in artif. fibre plant, prev.)

(SULFIDES, poisoning

hydrogen sulfide in artif. fibre plant, prev.)

BORON, Piotr; WIECHOWSKI, Wladislaw

Unusual case of Laurence-Moon-Bardet-Biedl syndrome. Polski
tygod.lek.10 no.47:1535-1538 21 Nov. '55.

1. Z I Kliniki Chorob wewnetrznych A.M. w Bialymstoku; kierownik:
prof. dr med. Marian Tulczynski. Bialystok, I Kliniki Chorob
Wewnetrznych A.M. ul. P'wna 25.

(LAURENCE-MOON-BIEDL SYNDROME,
unusual case)

BORON, Piotr; FARNER, Jerzy; KOWALSKI, Edward; KUZMINSKA, Dorota; PENAR,
Stanislaw; GRADZKI, Janusz; LANKOSZ, J.

Distomiasis of the lungs. Polski tygod.lek.11 no.5:197-207 30 Jan 56.

1.Z Oddzialu Wewnetrznego Szpitala POK w Korei; kierownik oddzialu
doc.med.E.Kowalski; dyr.Szpitala w r.1953 dr med.W.'Wiechno; w.r.1954
dr med.J.Opzacki).Warszawa, Instytut Hematologii, Chocimska 5.

(DISTOMIASIS

lungs)

(LUNGS, dis.

distomiasis)

TULCZYNSKI, Marian; BORON, Piotr; SADOKIERSKI, Wladyslaw;
SIEDLECKI, Edward

Perforation of interventricular cardiac septum diagnosed
during life. Polski tygod lek. 12 no.6:218-222 4 Feb 57.

1. (Z I Kliniki Chorob Wewnetrznych A.M.B.; kierownik:
prof. dr. med. Marian Tulczynski i z Zakladu Anatomii
Patologicznej A.M.B.; kierownik: doc. dr. med. Ludwik Komczynski).
Adres: Bialystok, ul. Piwna 25. I Klinika Chorob Wewn. A.M.

(MYOCARDIAL INFARCT, compl.

perf. of interventric. septum, diag. (Pol))

(CARDIAC SEPTUM, perf.

interventric. perf. in myocardial infarct (Pol))

BORON, P.; CHETTI, A.; DOWGIRD, A.

Case of staphylococcal pneumonia during puerperal infection. Polski tygod. lek. 13 no.20:756-758 19 May 58.

1.(Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Białymstoku, kierownik: prof. dr med. Marian Tulczyński, z Kliniki Położnictwa i Chorob Kobięcycy Akademii Medycznej w Białymstoku, kierownik: prof. dr med. Stefan Soszka i z II Kliniki Chirurgicznej Akademii Medycznej w Białymstoku, kierownik: z-ca prof. dr med. Tadeusz Jankowski) Adres: Białystok, I Klinika Chorob Wewnętrznych A. M. ul. Piwna 25.

(MICROCOCCAL INFECTIONS, in pregn.

pneumonia in puerperal infect., case report (Pol))

(PNEUMONIA, in pregn.

micrococcal, in puerperal infect., case report (Pol))

(PUERPERAL INFECTION, compl.

micrococcal pneumonia, case report (Pol))

TULCZYNSKI, Marian; BORON, Piotr; KALICINSKA, Sofia; KALICINSKI, Andrzej

Behavior of blood sodium & potassium & certain of its physical properties in workers employed in high temperatures. Polski tygod. lek. 13 no.33:1261-1263 18 Aug 58.

1. (Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Białymstoku; kierownik: prof. dr med. Marian Tulczyński) Warszawa, ul. Lekarska 11.

(POTASSIUM, in blood

eff. of work at high temperatures (Pol))

(SODIUM, in blood

same)

(BLOOD PROTEINS

same)

(BLOOD

fluidity, eff. of work at high temperatures (Pol))

(TEMPERATURE, eff.

on blood potassium & sodium & phys. properties in work at high temperatures (Pol))

BOROW, Piotr

The behavior of some unconditioned vasomotor reflexes and the state of reactivity of peripheral vessels to adrenalin and dionin in healthy persons and in neurotic patients. Polskie arch.med.wewn. 28 no.3:297-312 1958.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Białymstoku. Kierownik: prof. dr med. M. Tulczyński. Adres autora: I Klinika Chorob Wewnętrznych A.M., Białystok, ul. Piwna 25.

(BLOOD VESSELS, physiology

unconditioned vasomotor reflexes & peripheral reactivity to epinephrine & ethylmorphine in normals & neurotics (Pol))

(EPINEPHRINE, effects,

on peripheral blood vessels in normals & neurotics (Pol))

BORON, Piotr

Behavior of certain unconditioned vasomotor reflexes & reactivity state of peripheral vessels to adrenalin & dionine in hypertension. II. Polskie arch. med. wewn. 28 no.6:863-877 1958.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Białymstoku. Kierownik: prof. dr med. M. Tulczyński. Adres autora: Białystok, ul. Piwna 25. I. Klin. Chor. Wewn. A. M.

(HYPERTENSION, physiol.

behavior of unconditioned vasomotor reflexes & reactivity of peripheral vessels to epinephrine & ethylmorphine (Pol))

(BLOOD VESSELS, in various dis.

hypertension, behavior of unconditioned vasomotor reflexes & reactivity of peripheral vessels to epinephrine & ethylmorphine (Pol))

(REFLEX

unconditioned vasomotor reflexes, behavior in hypertension (Pol))

(EPINEPHRINE, eff.

on peripheral blood vessels, reactivity in hypertension (Pol))

(ETHYLMORPHINE, eff.

same)

BORON, Piotr

Behavior of certain unconditioned vasomotor reflexes & reactivity of peripheral vessels to adrenalin & dionine in patients with peptic ulcer of stomach & duodenum. III. Polskie arch. med. wewn. 28 no.7:979-986 1958.

1. Z I Klinik Chorob Wewnętrznych A. M. w Białymstoku Kierownik: prof. dr med. M. Tulczyński. Adres autora: Białystok, Piwna 25, I Klinika Chorob Wewn. A. M.

(PEPTIC ULCER, physiol.

behavior of unconditioned vasomotor reflexes & reactivity of peripheral vessels to epinephrine & ethylmorphine (Pol))

(BLOOD VESSELS, eff. of drugs on

epinephrine & ethylmorphine on peripheral vessels, reactivity in peptic ulcer (Pol))

(EPINEPHRINE, eff.

on peripheral blood vessels, reactivity in peptic ulcer (Pol))

(ETHYLMORPHINE, eff.

on peripheral blood vessels, reactivity in peptic ulcer (Pol))

(REFLEX

unconditioned vasomotor reflexes in peptic ulcer (Pol))

BORON, Piotr (Bialystok, ul. H. Sienkiewicza 2.)

Importance of the cutaneous vascular system in regulation of several vasomotor reaction. Polski tygod. lek. 13 no.27:1049-1052 7 July 58.

1. (Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Białymstoku; kierownik: prof. dr med. Marian Tulczyński).

(SKIN, blood supply

regulation of systemic vasomotor resections, review (Pol))

(BLOOD VESSELS, physiol.

systemic vasomotor reactions, regulation by cutaneous vasc. system, review (Pol))

BORON, Piotr; RUDKOWSKI, Alfons

One second biopsy performed with Kisse's pneumothorax needle
supplied with a mandrin. Wiad. lek. 18 no. 2:145-149 15 Ja '65

1. Z Kliniki Chorob Zakaźnych Akademii Medycznej w Białymstoku
(kierownik: doc. dr. med. P. Boron).

BORON, Piotr; WIECHOWSKI, Wladyslaw

Pelger-Huët's pseudo-anomaly in the course of toxic angina.
Przegl. epidemiol. 19 no.1:111-113 '65

1. Z Kliniki Chorob Zakaźnych Akademii Medycznej w Białym-
stoku (Kierownik: doc. dr. med. P. Boron).

BORON, Piotr

Cardiovascular disorders in women during menopause. Polski tygod.
lek. 14 no.41:1838-1842 12 Oct 59.

1. (Z I Kliniki Chorob Wewnętrznych A. M. w Białymstoku; p.o. kierownika
kliniki: doc. dr med.: Włodzimierz Zankiewicz).
(CARDIOVASCULAR DISEASES, etiol.) (MENOPAUSE, compl.)

TULCZYNSKI, Marian; BOROW, Piotr; BERNACKA, Krystyna; BERNACKI, Eugeniusz

Studies on the hemopoietic system and of peripheral blood in patients operated under hypothermia. Polaki przegl. chir. 31 no.1: 29-34 Jan 59.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Białymstoku Kierownik: prof. dr M. Tulczyński i z II Kliniki Chirurgicznej A.M. w Białymstoku Kierownik: prof. dr T. Jankowski. Adres autora: Warszawa, ul. Lekarska 11.

(HYPOTHERMIA, eff.

on blood (Pol))

(BLOOD CELLS,

picture, eff. of hypothermia (Pol))

(HEMOPOIETIC SYSTEM, physiol.

eff. of hypothermia (Pol))

BORON, Piotr.

Catalase in patients operated under hypothermia. Polski przegl. chir. 31 no.1:35-38 Jan 59.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Białymstoku Kierownik: prof. dr med. M. Tulaczynski i z II Kliniki Chirurgicznej A. M. w Białymstoku Kierownik: prof. dr med. T. Jankowski. Adres autora: I Klinika Chorob Wewnętrznych A. M. w Białymstoku, ul. Piwna 25.

(CATALASE, in blood
eff. of hypothermia (Pol))

(HYPOTHERMIA, eff.
on blood catalase (Pol))

EXCERPTA MEDICA Sec 18 Vol 3/8 Cardio. Dis. Aug 59

1937. Behaviour of some unconditioned vasomotor reflexes and the reactivity state of peripheral vessels to adrenaline and dionine in the hypertensive disease. II Zachowanie sie niektórych bezwarunkowych odruchów naczynioruchowych oraz stanu reaktywności naczyń obwodowych na adrenalinę i dioninę w chorobie nadciśnieniowej. II. BORON P. I. Klin. Chor. Wewn. A. M. Białystok *Pol. Arch. Med. wewn.* 1958, 68 6 (863—877) Graphs 2 Tables 2

Intracutaneous injections of adrenaline and ethylmorphine (E) were given in 87 patients with hypertensive disease. The thermoregulating vascular reflex (Brobro-wa) and a vascular reflex with variations of the arterial blood pressure show a statistically significant predominance of pathological vascular reactions. In the 1st and 2nd phase of hypertension the accelerated pathological vascular reactions predominate. In the 3rd phase a weakening of the examined vasomotor reflexes was observed. In the 1st phase of hypertension the cutaneo-vascular reactions show a predominance of intensified reactions both to adrenaline and to E; in the 2nd phase a decisive predominance of intensified reactions to adrenaline only and a predominance of normal cutaneo-vascular reactions to E. In the 3rd phase, the predominance of intensified reactions to adrenaline weakens, but a decisive predominance of normal cutaneo-vascular reactions to E persists.

(VI, 18)

BORON, Piotr; GRABOWSKI, Ryszard; PIETRUSKA, Zofia

Investigations on the oxygen and carbon dioxide content in the arterial and venous blood of the lower extremities in persons over 50. Polskie arch.med.wewn. 30 no.3:329-336 '60.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Białymstoku. P.o.
Kierownika Kliniki: doc.dr med. Wł. Zankiewicz.

(OXYGEN blood)

(CARBON DIOXIDE blood)

(GERIATRICS)

ZANKIEWICZ, Włodzimierz; BORON, Piotr

Therapeutic application of intravenous drip infusions of hyaluronidase in prolonged coronary insufficiency. Polskie arch.med.wewn. 30 no.9: 1185-1190 '60.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Białymstoku p.o.
Kierownika Kliniki: doc. dr med. W.Zankiewicz
(HYALURONIDASE ther)
(CORONARY DISEASE ther)

BORON, Piotr

Studies on the effect of ACTH on the behavior of leukergy. Polski
tygod. lek. 16 no.9:349-350 27 F '61.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Białymostoku; p.o.
kierownika Kliniki: doc. dr med. W. Zankiewicz.

(LEUKOCYTE COUNT pharmacol)
(CORTICOTROPIN pharmacol)

BORON, Piotr; GRABOWSKI, Ryszard; PIETRUSKA, Zofia

Studies on the oxygen and carbon dioxide content in the arterial and venous blood of the lower extremity in men over 50 years of age. Control studies. Pol. arch. med. wewn. 32 no.2:179-181 '62.

1. Z I Kliniki Chorob Wewnętrznych AM w Białymstoku P.o. Kierownik: doc. dr med. Wł. Zankiewicz.

(OXIMETRY) (CARBON DIOXIDE blood) (GERIATRICS)

POLAND

BORON, Piotr, Docent, Dr. med., Director of the Clinic of Infectious Diseases (Klinika Chorob Zakaznych), AM [Akademia Medyczna, Medical Academy] in Bialystok

"'Lupoid Hepatitis' in Patients with Virus Hepatitis."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 10, 4 Mar 63, pp 355-358.

Abstract: [Author's English summary modified] In connection with studies on "lupoid hepatitis," the LE cells in the peripheral cells and serum gamma globulins were investigated for patients with virus hepatitis. Control group, with obstructive jaundice, showed no LE cells, while LE cell and gamma globulin findings in the patients with virus hepatitis suggest to the author that they can be used as a prognostic and diagnostic indicator for a tendency to the chronic form, relapses, or liver cirrhosis. Of the 31 references, 6 are Polish, one (1) Russian, 5 French, 10 English, and 9 in the German language.

1/1

POLAND

BORON, Piotr and PASZKO, Wacław; First Clinic of Internal Diseases (I Klinika Chorob Wewnętrznych) (Director: Docent Dr. med. Beata BOGDANIKOWA) and Clinic of Infectious Diseases (Klinika Chorob Zakaznych) (Director: Docent Dr. med. Piotr BORON), both of the AM [Akademia Medyczna, Medical Academy] in Białystok

"Diuretic Effect of 'Niroxon' in Patients with Chronic Circulatory Failure."

Warsaw, Polski Tygodnik Lekarski, Vol. 18, No. 34, 19 Aug 63, pp 1267-1270

Abstract: [Authors' English summary modified] Authors report on a study of the effects of "Niroxon" (diphonylmethan-4, 4-disulfonamide) on diuresis and water-electrolytes metabolism of patients with chronic circulatory failure. It was found that increases diuresis and excretion of sodium and potassium in patients with early oedematic conditions, but had no such effect on patients with lasting oedema and with pseudocardiac liver cirrhosis, and discuss the indications and contraindications for its use. 32 refs: 15 Polish, about 3 German, and the others Western.

1/1

BORON', F. [Boron, F.] (Pol'sha)

Review of K.V. Lunin's book "Immunity and rational immunotherapy
and antibiotic therapy of typhoid fever and dysentery." Antibio-
tiki 8 no.9:861-863 S 163. (MIRA 17:11)

BORON, Piotr; KOMCZYNSKI, Ludwik; RUTKOWSKI, Alfons

Intrahepatic biliary stasis in the light of clinical observations, biopsy studies and enzymological tests in viral hepatitis patients. Pol. tyg. lek. 18 no.42:1551-1556 14 0'63.

1. Z Kliniki Chorob Zakaźnych AM w Białymstoku (kierownik: doc.dr. med. P.Boron) i z Zakładu Anatomii Patologicznej AMB (kierownik: prof.dr.med. L.Komczynski).

*

BORON, Piotr; GRABIAŃSKA, Albina, MODZELEWSKI, Tadeusz

Attempted evaluation of a diagnostic intradermal test with the patient's own blood in differentiating infectious hepatitis. Przegl. epidem. 17 no.4:297-300 '63

1. Z Kliniki Chorob Zakaźnych Akademii Medycznej w Białymstoku.
Kierownik: doc.dr.med. P.Boron.

*

BORON, Piotr; GIERASIMOW, Maria

Studies on the behavior of electrophoretic fractions of serum proteins and "bone marrow puncture" in trichinosis. Wlad. parazyt. 10 no.4:326-327 '64

1. Klinika Chorob Zakaznych Akademii Medycznej, Bialystok.

BORON, Piotr; GIERASIMOW Maria; GRABIAA A., Albin

The behavior of hemolytic reactions in the course of trichinosis.
Wlad. parazyt. 10 no.4:332-333 '62.

1. Klinika Chorob Zakaźnych Akademii Medycznej, Białystok.

BORON, Piotr; JECZYNA, Czesław

Effect of some therapeutically used antibiotics on liver function. Pol. arch. med. wetnet. 34 no.4:413-418 '64

1. Z Kliniki Chorob Zakaznykh Akademii Medycznej w Białymstoku (Kierownik: doc. dr. med. P. Boron).

BORON, Piotr; LEGEZYNSKI, Stanislaw; HUDKOWSKI, Alfons

Complement fixation reaction with liver antigens in patients
with viral hepatitis. Pol. arch. med. wewnet. 34 no.10:
1297-1303 '64

1. Z Zakladu Mikrobiologii Lekarskiej Akademii Medycznej w
Bialymstoku (Kierownik: prof. dr. n. med. S. Legczynski) i
z Kliniki Chorob Zakaznych AMB (Kierownik: doc. dr. med.
P. Boron).

BORON, Piotr; GIERCZYNSKI, Zenon

Studies on the functional state of the liver in trichinosis.
Wiad. parazyt. 10 no.4:319-321 '64

1. Klinika Chorob Zakaźnych Akademii Medycznej, Białystok.

BORON, Piotr; ZAJKOWSKA, Teresa

Studies on cryoglobulinemia in epidemic hepatitis. Pol. tyg.
lek. 19 no.36:1356-1358 7 S '64.

1. Z Kliniki Chorob Zakaznych Akademii Medycznej w Bialymstoku
(kierownik: doc. dr med. Piotr Boron).

BORON, Piotr; BORUCI, Zdzislaw; BULHAK, Wacław; TREMBACZOWSKI, Emanuel

Use of vitamin B 12 labeled with Co 58 in the diagnosis of
parenchymal liver diseases. Pol. arch. med. wewn. 34 no.4:
405-412 '64

1. Z Kliniki Chorob Zakaźnych Akademii Medycznej w Białymstoku
(Kierownik: doc. dr. med. P. Boron) oraz z Zakładu Fizyki
Lekarskiej Akademii Medycznej w Białymstoku (Kierownik: dr.
 nauk mat.-fiz. E. Trembaczowski).

BORON, Piotr.

Clinical studies on the acute phase of trichinosis. Wlad. parazyt.
11 no.1:197-214 '65.

1. Klinika Chorob Zakaznych Akademii Medycznej, Bialystok.

BORON, P.; BORZUCHOWSKA, A.; BORUCKI, Z.; TREMBACZEWSKI, E.

Use of I-131 labeled rose bengal in the diagnosis of diseases of
the liver parenchyma. Pol. tyg. lek. 20 no.13:463-466 29 Mr '65.

BERON', I., dotsent; FROKOPOVICH, D.

Correlation between changes in transaminases and glucosamine in the blood serum in liver diseases. Sov. med. 28 no.2:50-53 Mr '65.

(MIRA 18:10)

1. Klinika infektsionnykh bolezney (sav. - dotsent I. Beron') Meditsinskoy akademii, Belostok (Pol'sha).

BORON, Piotr; PROKOPOWICZ, Danuta

Correlation of changes in the blood transaminases and glucosamines
in patients with lesions of the hepatic parenchyma. Przegl. lek. 21
no.9:544-547 '65.

1. Z Kliniki Chorob Zakaznych AM w Bialymstoku (Kierownik: Doc.
dr. med. P. Boron).

BORON', P.; RUDKOVSKIY, A.

Examination of the functional state of the liver in alimentary
toxico-infections. Sov. med. 28 no.10:29-31 0 '65.

(MERA 18:11)

1. Klinika infektsionnykh bolezney (zav., dotsent doktor meditsiny
P. Boron') Meditsinskoy akademii v Belostoke, fol'sha.

Infectious Diseases

POLAND

~~BORON, P.~~, of the Infectious Diseases Clinic, School of Medicine
(Klinika Chorob Zakaznych AM), Bialystok. Prof. Dr. Med. P. Boron, Head.

"Enzymologic Diagnosis of Epidemic Hepatitis"

Warsaw, Przegląd Epidemiologiczny, Vol 20, No 2, 1966, pp 129-135.

Abstract: (Author's English abstract modified): The behavior of a constellation of 11 enzymes in the blood serum of 208 patients suffering from epidemic hepatitis with jaundice, 34 patients with anicteric epidemic jaundice, 13 patients with the syndrome of epidemic hepatitis sequels, 10 patients with hepatic cirrhosis and 33 patients with obstructive jaundice were studied. Highest mean values of GOT and GPT transaminases and aldolase activity were found in the patients with epidemic hepatitis accompanied by jaundice and in those with inoculation hepatitis.
Contains a summary in English, 1 Table and 33 references (16 Polish, 8 Western, 1 Russian and 8 German-language).

1/1

L 01919-67 T RO/JK

ACC NR: AP6035162

(A)

SOURCE CODE: PO/0081/65/019/002/0233/0235

BORON, Piotr and RUDKOWSKI, Alfons; Clinic of Infectious Diseases of the
Academy of Medicine (Klinika Chorob Zakaznych AM), Bialystok.

"Liver Function in Bacterial Food Poisoning."

Warsaw, Przegląd Epidemiologiczny, Vol 19, No 2, 1965; pp 233-235.

Abstract: Data on 547 patients seen 1961-1963, including 279 males, ages 4-86. Clinical and laboratory findings pertaining to liver disease are tabulated showing the number of tests and the number and percentage of pathological values as to hepatomegaly, urinary urobilinogen, serum bilirubin, cadmium, thymol flocculation and a number of primarily enzymatic tests. Tabu. Presented at the 3rd Scientific Assembly of Polish Epidemiologists and Infectologists, Krakow, 5-6 Oct 64. Orig. art. has: 1 table. [JPRS]

TOPIC TAGS: liver, pathology, bacterial disease, food sanitation
SUB CODE: 06 / SUBM DATE: none

Card 1/1 BLG

BORON, Zdzislaw; DRAK, Juliusz; KUS, Henryk

Partial and total diaphragmatic relaxation with special reference
to differential diagnosis. Polski tygod.lek. 15 no.41:1566-1570
10 0 '60.

1. Z III Kliniki Chirurgicznej A.M.; kierownik: doc.dr med.
Z.Jezioro i z Kliniki Radiologicznej A.M. we Wroclawiu; kierownik:
doc.dr med. Z.Kubrakiewicz.
(DIAPHRAGM dis.)

BORON, Z.; STRYCZYNSKI, J.

A case of simulated gastric ulcer. Polski przezl.radiol. 24 no.6:
383-386 N-D '60.

1. 4 Wojskowy Szpital Okregowy, Kierownik Gabinetu rtg: mjr
F.Kassolik.

(PEPTIC ULCER radiog)

(MALINGERING)

BERNAT, M.; BORON, Z.; FAST, J.

A case of osteoid osteoma. Polski przegl.radiol. 25 no.3:423-425
My-Je '61.

1. Z III Kliniki Chirurgicznej AM we Wroclawiu Kierownik: prof. dr
med. Z. Jezioro z Kliniki Radiologicznej AM we Wroclawiu Kierownik:
doc. dr med. Z. Kubrakiewicz.

(TIBIA neopl) (OSTEOMA OSTEOID surg)

BERNAT, M.; BORON, Z.; FAST, J.

A case of chondrosarcoma of the metacarpal bone. Polski przegl. radiol.
25 no.6:549-553 '61.

1. Z Kliniki Radiologicznej AM we Wroclawiu Kierownik: doc. dr med.
Z. Kuhrakiewicz Z III Kliniki Chirurgicznej AM we Wroclawiu Kierownik:
prof. dr med. Z. Jezioro.

(METACARPUS neopl) (CHONDROSARCOMA radiog)

BERNAT, M.; BORON, Z.; FAST, J.; OSTROWSKI, B.

Radiological picture and therapy of chondromas. Polski przegl. radiol.
26 no.2:101-109 '62.

1. Z III Kliniki Chirurgicznej AM we Wrocławiu Kierownik: prof. dr
med. Z. Jezioro z Kliniki Radiologicznej AM we Wrocławiu Kierownik:
doc. dr med. Z. Kuźbrackiewicz.

(CHONDROMA)

BORON, Zdzislaw; KUS, Henryk

On calcification of the walls of the gallbladder. Pol. przeł.
radiol. 27 no.1:71-79 '63.

1. Z III Kliniki Chirurgicznej AM we Wrocławiu Kierownik:
prof. dr med. Z. Jezioro i z Kliniki Radiologicznej AM we
Wrocławiu Kierownik: doc. dr med. Z. Kubrakiewicz.
(GALLBLADDER DISEASES) (CALCIFICATION)
(CHOLECYSTOGRAPHY)

BORON, Zdzisław; KUS, Henryk; MILEWICZ, MILEWICZ, Zygmunt

Limy bile in the gallbladder. Polski przegl. chir. 35 no.2:
119-126 '63.

1. Z III Kliniki Chirurgicznej AM we Wrocławiu Kierownik:
prof. dr Z. Jezioro i z Kliniki Radiologicznej AM we
Wrocławiu Kierownik: doc. dr Z. Kubrakiewicz.
(BILE) (CALCIUM) (CARBONATES)

ZAGALSKI, Jozef; BOROW, Zdzislaw; DOMANASIEWICZ, Adam

Wilms' tumors. Pol. przegl. radiol. 28 no.5:457-467 7-0 '64

1. Z Kliniki Radiologicznej Akademii Medycznej we Wroclawiu
(Kierownik: doc. dr. med. Z. Kubrakiewicz) i z Kliniki
Chirurgii Dziecięcej Akademii Medycznej we Wroclawiu .

BOROW, Stanislaw; ZAGAJSKI, Jozef

A rare metastasis of Wilms' tumor. Pol. przegl. radiol. 28
no.5:459-472 5-9 '64

1. Z Kliniki Radiologicznej Akademii Medycznej we Wrocławiu
(Kierownik doc. dr. med. Z. Hubickiewicz) i z Kliniki
Chirurgii Dziecięcej Akademii Medycznej we Wrocławiu (Kierownik
opiekun prof. dr. med. Jasiński).

BORON, A.; BORON, Z.; CHRZANOWSKA, M.; CZYZEWSKI, Kazimierz; KLINOWSKA, Wanda.

An as yet unknown mechanism of functional portal hypertension.
Pol. tyg. lek. 20 no.24:890-891 14 Je '65.

1. Z II Kliniki Pediatrycznej AM we Wroclawiu (p.o. kierownik:
doc. dr. Wanda Klinowska) i z I Kliniki Chirurgicznej AM we
Wroclawiu (kierownik: prof. dr. Kazimierz Czyzewski).

SLOWIKOWSKI, Jan; ZAGALSKI, Jozef; BORON, Zdzislaw

Late results of pyloromyotomy in children. Pol. tyg. lek. 20
no.31:1158-1160 2 Ag '65.

1. Z Kliniki Chirurgii Dziecięcej AM w Wrocławiu (Kierownik:
doc. dr. med. Jan Slowikowski i z Kliniki Radiologicznej AM
we Wrocławiu (Kierownik: doc. dr. med. Zbigniew Kubrakiewicz).

BORONENKO, A.V., mostovoy master

School of advanced practices. Put'i put.khoz. 7 no.2:17 '63.

(MIRA 16:2)

1. Amvrosiyevskaya distantziya Donetskoy dorogi.
(Railroad bridges—Maintenance and repair)

BOROMENKO, I. A.

BOROMENKO, I. A.: "Investigation of systems of drying seed grain using thermal radiations". Chelyabinsk, 1955. Min Higher Education USSR. Chelyabinsk Inst of the Mechanization and Electrification of Agriculture, Chair of Machine Exploitation. (Dissertation for the Degree of Candidate of TECHNICAL Sciences)

SO: Knizhnaya Letopis' No. 51, 10 December 1955

Boychenko, I. A.

SERGEYEV, M.P., professor; BOICHONENKO, I.A., inzhener.

Basic factors in drying seed grain by infrared rays. Sel'khoz mashina
no.11:21-22 N '55. (MLRA 9:1)
(Grain--Drying) (Drying apparatus)

SHURYGIN, P.M.; BORONENKO, V.N.; KRYUK, V.I.

Kinetics of alumina dissolution in fluoride melts. Izv.vys.ucheb.
zav.; tsvet.met. 5 no.3:59-66 '62. (MIRA 15:11)

1. Ural'skiy politekhnicheskiy institut, kafedra teorii
metallurgicheskikh protsessov.
(Aluminum--Electrometallurgy)

BORONENKO, Z.V.

Conference on wood drying. Der. prom. 12 no.6:25-26 Je '63.
(MIRA 16:10)

BORONENKOV, V.N.; YESIN, O.A.; SHURYGIN, P.M.

Cathodic processes on a disk electrode in oxide melts. Dokl. AN
SSSR 151 no.4:872-874 Ag '63. (MIRA 16:8)

1. Ural'skiy politekhnicheskii institut im. S.M.Kirova.
Predstavleno akademikom A.N.Frumkinym.
(Electrodes) (Metallic oxides)

BORONENKOV, V.N. (Sverdlovsk); SHURYGIN, P.M. (Sverdlovsk); SHANTARIN, V.D.
(Sverdlovsk)

Kinetics of metal diffusion in molten sulfides. Izv. AN SSSR.
Met. i gor. delo no.6:97-102 N-D '64. (MIRA 18:3)

BORONENKOV, V.N.; YESIN, O.A.; SHURYGIN, P.M.

Anodic processes on a disk electrode in oxide melts. Elektrokhiimiia
1 no.5:592-596 My '65. (MIRA 18:6)

1. Ural'skiy politekhnicheskii institut imeni Kirova.

SHURYGIN, P.M.; BORONENKOV, V.N.; KRYUK, V.I.; REVEBTSOV, V.V.

Kinetics of the direct reduction of iron oxides from melts.
Izv. vys. ucheb. zav.; chern. met. 8 no.2:23-27 '65.

(MIRA 18:2)

1. Ural'skiy politekhnicheskii institut.

BORONENKO, Z. V.; PRYCH, N. M., redaktor; FEDOROV, B. M., redaktor; KOLESHNIKOVA, A. P., tekhnicheskii redaktor

[Progress in lumber drying techniques; proceedings of the third All-Union Conference of Lumber Drying] Dostizheniia lesosushil'-noi tekhniki; po materialam tret'ego vsesoiuznogo nauchno-tekhnicheskogo soveshchaniia po sushke drevesiny. Moskva, Goslesbumizdat, 1955. 112 p.
(MIRA 9:3)

1. Nauchno-tekhnicheskoye obshchestvo lesnoy promyshlennosti.
(Lumber---Drying)

FEYCH, Nikolay Nikolayevich; BORONENKO, Zoya Vasil'yevna; SERGOVSKIY,
P.S., red.; GOSPODARSKAYA, T.N., red. izd-va; SHIBKOVA, R.Ye.,
tekhn. red.

[Manual on wood drying] Spravochnik po sushke drevesiny. Moskva,
Goslesbumizdat, 1961. 213 p. (MIRA 15:7)
(Lumber—Drying)

SHURYGIN, P.M.; BORONENKOV, B.N.

Kinetics of the interaction of the oxides of magnesium, silicon,
and aluminum with melts of the ternary system $\text{CaO} - \text{SiO}_2 - \text{Al}_2\text{O}_3$.
Ogneupory 28 no.12:561-565 '63. (MIRA 16:12)

1. Ural'skiy politekhnicheskiy institut im. S.M. Kirova.

SHURYGIN, P.M.; BARMIN, L.N.; BORONENKOV, V.N.

Kinetics of the dissolution of aluminum, magnesium, and silicon
oxides in cryolite. Izv. vys. ucheb. zav.; tsvet. met. 5 no.4:
106-112 '62. (MIRA 16:5)

1. Ural'skiy politekhnicheskiy institut, kafedra teorii
metallurgicheskikh protsessov.
(Nonferrous metals--Electrometallurgy)
(Diffusion)

ACCESSION NR: AP4039619

S/0076/64/038/005/1148/1153

AUTHORS: Boronenkov, V.N. (Sverdlovsk); Yesin, O.A. (Sverdlovsk);
Shurygin, P.M. (Sverdlovsk)

TITLE: Kinetics of metal deposition from aluminate melts on a disk electrode

SOURCE: Zhurnal fizicheskoy khimii, v. 38, no. 5, 1964, 1148-1153

TOPIC TAGS: rotating disk electrode, commutator, diffusion coefficient, electron discharge, cathode discharge, manganese, chromium, silicon, vanadium, calcium aluminate, calcium oxide, aluminum oxide, polarization curve, current density, activation energy, natural convection, liquid electrode

ABSTRACT: A disk electrode (molybdenum or chromium cylinder) combined with a commutator was used for determining the ion diffusion coefficient D and the number of electrons z (valence) participating in the process of cathode discharge of manganese, chromium, silicon and vanadium ions from a calcium aluminate solution. Measurements were taken at 1370-1470°C; the electrolyte contained 47% CaO, 47% Al_2O_3 and 6% MgO and had a high dissociation potential and low viscosity. The

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ACCESSION NR: AP4039619

ions under study were introduced in 1-4% concentrations as SiO_2 , V_2O_5 , Cr_2O_3 and MnO . Results are graphed and tabulated and the formulas presented. The polarization curves for Mn, Si and V deflected from the background at comparatively low potentials (2nd branch) as did Cr on a molybdenum cathode, while Cr discharge at the chromium cathode starts at close to zero polarization. In an oxidizing atmosphere (air) and at a large CaO content in the electrolyte the V, Si, Cr and Mn ions discharged at the cathode release 5, 4 and 2 electrons (z) respectively. The interaction between Cr_2O_3 and C, and Mn_2O_3 with Mn proceeds rapidly and was not significantly reflected in the process under study. The limiting current densities depend upon the square root of the angular rate of electrode rotation ($\sqrt{\omega}$). They were found at 0.2 - 3 a/cm² and agree with those found in the literature. The diffusion coefficients at various temperatures and for certain concentrations are presented. They agree with those found in the literature only for the lower temperature values. The D_{Mn} , very high, may be caused by the formation of a

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ACCESSION NR: AP4039619

fluid Mn film on the disk cathode at these temperatures. The difference in the order of magnitude of the diffusion coefficient of Si and V (lattice building) and Mn (modifying) is discussed. The activation energies, at 100 kcal/mole for Si, V, Cr and 76 for Mn, are also much higher than those found in the literature. Natural convection greatly affects the results of measurements with liquid electrodes. Orig. art. has: 4 figures, 8 formulas and 1 table.

ASSOCIATION: Ural'skiy polytekhnicheskiy institut im. S. M. Kirova
(Ural Polytechnical Institute)

SUBMITTED: 17May63

ENCL: 00

SUB CODE: GC, GP

NR REF SOV: 016

OTHER: 002

Card

3/3

BORONENKOV, V.N.; YESIN, O.A.; SHURYGIN, P.M.; KUKHTIN, B.A.

Polarization curve method of studying the kinetics of the direct
reduction of iron from fused oxides. Elektrokhimiya 1 no.10:1245-
1252 0 '65. (MIRA 18:10)

1. Ural'skiy politekhnicheskii institut imeni Kirova.

BORONENKOV, V.N.; YESIN, O.A.; SHURYGIN, P.M.

Electrochemical study of the kinetics of iron reduction by
graphite from molten oxides. Dokl. AN SSSR 160 no.1:151-153
Ja '65. (MIRA 18:2)

1. Ural'skiy politekhnicheskii institut im. S.M. Kirova. Sub-
mitted July 2, 1964.